RAW SEQUENCE LISTING

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Application Serial Number: _10/578, 700_

Source: _IFWP_

Date Processed by STIC: _05/18/2006_

ENTERED

RAW SEQUENCE LISTING   DATE: 05/18/2006
PATENT APPLICATION: US/10/578,700   TIME: 10:26:41

Input Set : **A:\Sequence Listing.txt**
Output Set: **N:\CRF4\05182006\J578700.raw**

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  3 <110> APPLICANT: BioVentures, Inc.
  4        Dawson, Elliot P.
  5        Womble, Kristie E.
  7 <120> TITLE OF INVENTION: Chromosome 5 Genetic Variants Related to Dyslexia
  9 <130> FILE REFERENCE: 14160-1US
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C--> 11 **<140> CURRENT APPLICATION NUMBER: US/10/578,700**
C--> 11 **<141> CURRENT FILING DATE: 2006-05-09**
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 11 <150> PRIOR APPLICATION NUMBER: 60/520,366
 12 <151> PRIOR FILING DATE: 2003-11-14
 14 <150> PRIOR APPLICATION NUMBER: PCT/US04/37850
 15 <151> PRIOR FILING DATE: 2004-11-12
 17 <160> NUMBER OF SEQ ID NOS: 25
 19 <170> SOFTWARE: PatentIn version 3.2
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 3664
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Homo sapiens
 26 <400> SEQUENCE: 1
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 29 attcatcatg tgcatacaag gccattctgt gtttcctact cttgccttgg gctcatcatt     120
 31 attaatctgg aattccattt gttcttcact ttttgaatat gtctgtttag ttgactgtag     180
 33 tgccactggc aggaccatgt gcccaggaaa tccaagactc atatttggac gaaagctatg     240
 35 tccacttttc aactagtacc cctacccaaa ttaccatagc aaccaaaaaa ttgcagatgc     300
 37 ctacattcta gaatcatgtt ctaaagggat gtcatcattt acaaaatgtc tttgttgagt     360
 39 ctgaatggtt caaacaatag caaaaaagga ttatttctct cttggacatt tcaaagtact     420
 41 atgacacaaa atatccaaga cttgttatgg tgaggagcca agtggaatgg aaaggacagc     480
 43 tcatcccggc ggctgggagt gcatgcacac acatgccccc tttttcttgc ctactaacag     540
 45 gatctataga aggcgtacat aatgagtatg taggggactt ggctgctttc agttaggaat     600
 47 gagacactga tatggttgga atatagtaag agaaaaaggg aggtctttct taaaaaacgg     660
 49 ttttgtgtaa aaatagagat ggcacttaat ggatatcata ttagcaggct ccctggacaa     720
 51 atacatagag ccaaaacttc tcatcgatta gccacctctt caagtttagg ggttgaaaat     780
 53 ctgaaacaac tacaaacatg gtatctctct gaaaggagaa taacgtaaaa gttatacat     840
 55 attaatataa tgtgtatgaa taaattgaca agctggttag aaattagaaa taaaagtctt     900
 57 gaggcaataa aagaggtaat aacataggca aaaagagctc ttcttctgga gagtggttgt     960
 59 agatggagta aacaagttta ggtactgaac tgagaatagc acatggatag accaattgtg    1020
 61 gatgaaggag actaaagaga ggtttaacga atattgaaat gaacctccag gtaggttgta    1080
 63 tttattagtt tgctgggaac aagctgcttt tctctctcct gtgaagcagg aaggcaaatt    1140
 65 tctagtggct ttccaaagga aatgggaaat ctaaggaaat ggtttgatac cagagtgttc    1200
 67 tccttaggtt tattttaatg atggacttaa agatactttc ctatactcat gagctatgtt    1260
 69 gtctctgata ttctttggta tattttacca aaaagataga ataggtgcca caagtattaa    1320
 71 aaattttaga ctcctcagag cattacaaaa aacaagcaca aaatagaagc ctaatatgca    1380
 73 gggaaagtca ctgaccatgc ccttggtact gctgattgta ttgcagagca agagatggac    1440
 75 cctgagggta cttgaagcca acaagtttca cttctggaaa aagacttcag aatatgagtt    1500
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 77 taaaatataa aaagggaatt tgagccaaga cacaagaaca aacttttttt gacaattata    1560
 79 tctttattat tcctcttaca gagctacatt tactcttact aagtttcaga gtcaggtagt    1620
 81 aatttacagt aagactgaat taccatccat aacgttagat gtccttattg aaacttcaac    1680
 83 atcatttcca aatatcagca ttagcattgt gcttgacatt catttaacga agttactgaa    1740
 85 aatctattaa gtataagaca tcagttattt ttaatagaag tttctgaaaa catttcagca    1800
 87 aaatagcctg ttgagaaaaa tgtgtatgct gaaaaaaaaa aatgaacaaa taggaaagcc    1860
 89 tggttcacaa acaggtgtca gggaaataga cagtactttt atagtaataa cataagaaca    1920
 91 aacttcttga aggtaagttt tattaaataa taggacaaca acaagataaa atgacttctt    1980
 93 cctgatattt atatattgat tgctggctgg tcataagact gtttttaggc aacgtgtttt    2040
 95 gaaaaaccag aaagtctact accttgagtt ttcagccacg tgagaatagc aagattcagt    2100
 97 gtttatactt gatagcatct taattaggcc tacaggcctc cctttcacat aactaccttc    2160
 99 aagtttatga cagctcaaac tcacaattat cattatggag aagagagaag agttaagcta    2220
101 aaaacagacc actttcagag gacctgaaag caacgtaatc agtcacctat tgccatatac    2280
103 aagccacccc caaacataat gacttaaaac agcgatcatc tattattgct tatgagtctc    2340
105 tgagtcagct gaacattcct gctgatctgg gcttggttag cttatttta gctgtgttca     2400
107 ttcttggtct gcagatagct gacaatcacc taggggctga ctgtaggcat tccagctgag    2460
109 atatgctctc tgtgtctttt atcctttagc aggaggaggc ttgctcacag ggtggttaca    2520
111 ggcatccaag agagtcagca taaatgtgaa aagtttccaa aatatcagat tcagtcctat    2580
113 gtaatctggt ttccattgca ttctcttggc cagagcaagt tgcaagacaa gtccaaattc    2640
115 aagaaggtca agaaatacac tccatctcca ggtaggagaa gctgcaaaga actgtgacaa    2700
117 tctatgacaa atagtatgtt caaagggaat aatatgggaa gatgtgccct ccgccaactt    2760
119 ctcagggaaa aatacagctt ttgtaatatt tagtaatata gactgtctaa tatttctaga    2820
121 gaaatctatg actttgagtt gaaatatctg aggccaacac tccaagcaat tttaaacaag    2880
123 tggtgacaga aattaccaga cacacatcaa gactcaagta taaagctata caatttaagg    2940
125 atgctcagca aatgttactg aattgactgg gtagtcccta aagagctgaa gaataaaaga    3000
127 tgttatgaga aatccaacaa taccaaatat aaattgcctc aggttctgaa atattcaata    3060
129 aagtattctc actgtagttc cttcagctta gctgatttgg actttggctg tgaaaacatt    3120
131 atcctcagtg tttaaaaggt tggaaaattc tactgggtct ttggcccaac ctggaattaa    3180
133 atcctgatgc ttagaacctc aaagtctaaa atcttctatt gtcactttac agagctattg    3240
135 aaacatatta ataaacttgt atcatactga tttgattcta atttttgtgg acattgttt     3300
137 aaaaattgtt gaaatgcata tatggaaaat tgattttta agtaaatgta aactttttaa     3360
139 aattgtatcc tacatctaac tccaaataaa ggtttaaaaa caactatgag caatataagt    3420
141 aatacatttta aaatacattt aagagaaaga taggaaaaa aggaatgact catgaaggtt     3480
143 agtacacaat ctatgcatct tgaatatttg cacacttacc aagtatttgg ctccagggtt    3540
145 tctggcagct aatgcaaaga gaggaacaga atcaagtttc atggtattat ctggtagact    3600
147 gtggaagcta tagcatttct gcccctcat gttttcacat tcccctttag agaacagcac      3660
149 aata                                                                 3664
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153 <211> LENGTH: 22
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: synthetic primer
160 <400> SEQUENCE: 2
161 actaagaagt gcattagtcg gg                                               22
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166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
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170 <223> OTHER INFORMATION: synthetic primer
172 <400> SEQUENCE: 3
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177 <211> LENGTH: 20
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: synthetic primer
184 <400> SEQUENCE: 4
185 tgcaaatcta tgctgcaaaa                                        20
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189 <211> LENGTH: 20
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: synthetic primer
196 <400> SEQUENCE: 5
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200 <210> SEQ ID NO: 6
201 <211> LENGTH: 25
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: synthetic primer
208 <400> SEQUENCE: 6
209 ccaaaggctt ggtgatttag tggac                                  25
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213 <211> LENGTH: 25
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: synthetic primer
220 <400> SEQUENCE: 7
221 ctagattgaa ggccagaaaa catgc                                  25
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225 <211> LENGTH: 19
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: synthetic primer
232 <400> SEQUENCE: 8
233 aacatcttag ggcatcctg                                         19
236 <210> SEQ ID NO: 9
237 <211> LENGTH: 25
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
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RAW SEQUENCE LISTING   DATE: 05/18/2006
PATENT APPLICATION: US/10/578,700   TIME: 10:26:41

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Output Set: **N:\CRF4\05182006\J578700.raw**

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242 <223> OTHER INFORMATION: synthetic primer
244 <400> SEQUENCE: 9
245 aatgatttaa aatagattag gagca                                      25
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249 <211> LENGTH: 62
250 <212> TYPE: PRT
251 <213> ORGANISM: Homo sapiens
253 <400> SEQUENCE: 10
255 Met Val Arg Ser Gln Val Glu Trp Lys Gly Gln Leu Ile Pro Ala Ala
256 1               5                   10                  15
259 Gly Ser Ala Cys Thr His Met Pro Pro Phe Ser Cys Leu Leu Thr Gly
260             20                  25                  30
263 Ser Ile Glu Gly Val His Asn Glu Ala Ser Cys Lys Thr Ser Pro Asn
264         35                  40                  45
267 Ser Arg Arg Ser Arg Asn Thr Leu His Leu Gln Arg Asn Leu
268     50                  55                  60
271 <210> SEQ ID NO: 11
272 <211> LENGTH: 45
273 <212> TYPE: PRT
274 <213> ORGANISM: Homo sapiens
276 <400> SEQUENCE: 11
278 Met Val Arg Ser Gln Val Glu Trp Lys Gly Gln Leu Ile Pro Ala Ala
279 1               5                   10                  15
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283             20                  25                  30
286 Ser Ile Glu Gly Val His Asn Glu Ala Arg Asp Gly Pro
287         35                  40                  45
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291 <211> LENGTH: 189
292 <212> TYPE: DNA
293 <213> ORGANISM: Homo sapiens
295 <400> SEQUENCE: 12
296 atggtgagga gccaagtgga atggaaagga cagctcatcc cggcggctgg gagtgcatgc   60
298 acacacatgc cccctttttc ttgcctacta acaggatcta tagaaggcgt acataatgaa  120
300 gcaagttgca agacaagtcc aaattcaaga aggtcaagaa atacactcca tctccagaga  180
302 aatctatga                                                         189
305 <210> SEQ ID NO: 13
306 <211> LENGTH: 138
307 <212> TYPE: DNA
308 <213> ORGANISM: Homo sapiens
310 <400> SEQUENCE: 13
311 atggtgagga gccaagtgga atggaaagga cagctcatcc cggcggctgg gagtgcatgc   60
313 acacacatgc cccctttttc ttgcctacta acaggatcta tagaaggcgt acataatgaa  120
315 gcaagagatg gaccctga                                               138
318 <210> SEQ ID NO: 14
319 <211> LENGTH: 20
320 <212> TYPE: DNA
321 <213> ORGANISM: Artificial Sequence
323 <220> FEATURE:
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Input Set : **A:\Sequence Listing.txt**
Output Set: **N:\CRF4\05182006\J578700.raw**

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324 <223> OTHER INFORMATION: synthetic primer
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327 cccaggaaat ccaagactca                                        20
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331 <211> LENGTH: 21
332 <212> TYPE: DNA
333 <213> ORGANISM: Artificial Sequence
335 <220> FEATURE:
336 <223> OTHER INFORMATION: synthetic primer
338 <400> SEQUENCE: 15
339 ctccttcatc cacaattggt c                                      21
342 <210> SEQ ID NO: 16
343 <211> LENGTH: 21
344 <212> TYPE: DNA
345 <213> ORGANISM: Artificial Sequence
347 <220> FEATURE:
348 <223> OTHER INFORMATION: synthetic primer
350 <400> SEQUENCE: 16
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354 <210> SEQ ID NO: 17
355 <211> LENGTH: 21
356 <212> TYPE: DNA
357 <213> ORGANISM: Artificial Sequence
359 <220> FEATURE:
360 <223> OTHER INFORMATION: synthetic primer
362 <400> SEQUENCE: 17
363 tgtcaagcac aatgctaatg c                                      21
366 <210> SEQ ID NO: 18
367 <211> LENGTH: 23
368 <212> TYPE: DNA
369 <213> ORGANISM: Artificial Sequence
371 <220> FEATURE:
372 <223> OTHER INFORMATION: synthetic primer
374 <400> SEQUENCE: 18
375 ggtttgatac cagagtgttc tcc                                    23
378 <210> SEQ ID NO: 19
379 <211> LENGTH: 21
380 <212> TYPE: DNA
381 <213> ORGANISM: Artificial Sequence
383 <220> FEATURE:
384 <223> OTHER INFORMATION: synthetic primer
386 <400> SEQUENCE: 19
387 gtcttatgac cagccagcaa t                                      21
390 <210> SEQ ID NO: 20
391 <211> LENGTH: 21
392 <212> TYPE: DNA
393 <213> ORGANISM: Artificial Sequence
395 <220> FEATURE:
396 <223> OTHER INFORMATION: synthetic primer
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VERIFICATION SUMMARY　　　　　　　　　DATE: 05/18/2006
PATENT APPLICATION: **US/10/578,700**　　　TIME: 10:26:42

　　Input Set : **A:\Sequence Listing.txt**
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L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date